Stagg®

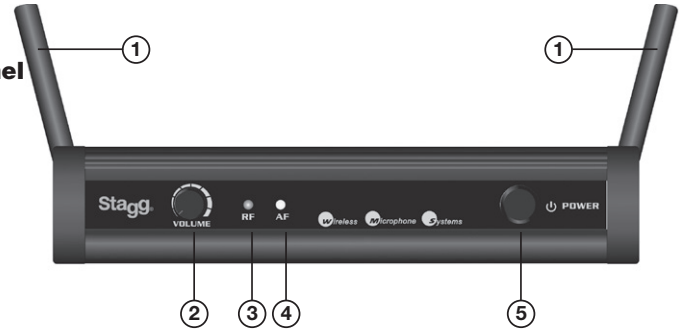
USER GUIDE

SUW 30/SUW 35

UHF WIRELESS SYSTEM

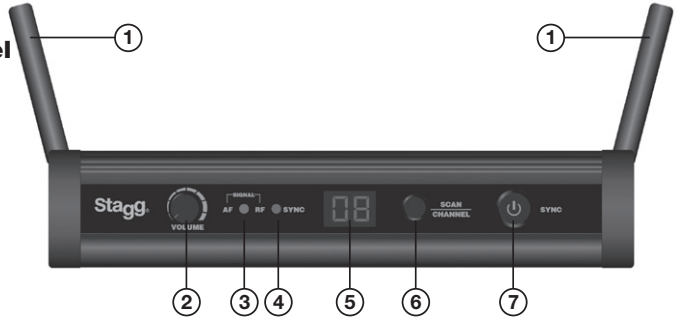
RECEIVER

SUW30
front panel



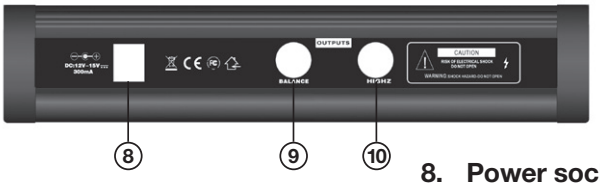
1. Receiving antennae
2. Volume control
3. RF indicator
4. AF indicator
5. Power

SUW35
front panel



1. Receiving antennae
2. Volume control
3. RF/AF indicator
4. Sync indicator
5. Channel display
6. Scan/switch button
7. Power/sync

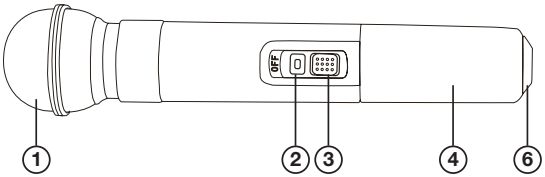
SUW30 & SUW35
back



8. Power socket
9. Audio balance output
10. Audio mix output

TRANSMITTER

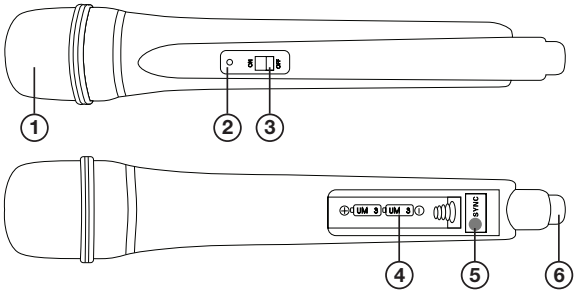
SUW30

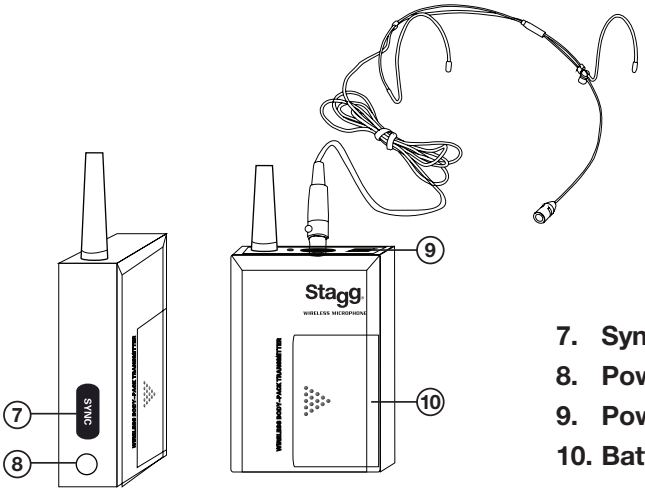


(HANDHELD MICROPHONE)

1. Pickup cover
2. Low voltage indicator
3. Power switch
4. Battery enclosure
5. Sync receiver (SUW 35 only)
6. Colour cover

SUW35





7. Sync receiver (SUW 35 only)
8. Power indicator
9. Power switch
10. Battery compartment

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TO OPERATE THIS SYSTEM...

SUW30

Simply turn on the transmitter and the receiver: they will automatically "find" each other.

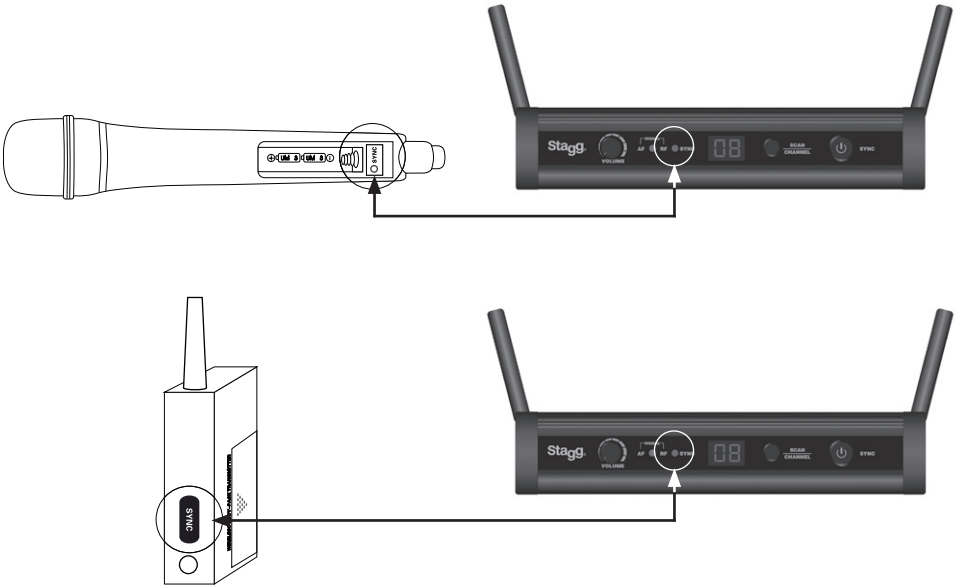
SUW35

1. Adjust the antennae to the best receiving angle (about 90 degrees).
2. Connect the external power plug to the back panel power socket .
3. SYNC frequencies between transmitter and receiver as follows:

   A . Manual mode: press Freq/Scan for 1 second till the display flicks, then press Freq/Scan to change group, then press Freq/Scan again for 1 second to choose the channel.

   B. Automatic mode: press Freq/Scan shortly, then display flickers circling, and automatically sets to the clearest channel.

   C. Take off battery cover on transmitter, set the SYNC window towards to receiver's SYNC indicator. Press power button briefly, while the power display on the transmitter flickers, meaning a successful synchronisation.
4. To shut down, press power button for 3 seconds.



SUW30

RECEIVER

Frequency Range	863-863MHz
Frequency Oscillation Mode	Crystal control
Frequency Response	50Hz-15KHz
Working Distance	200 feet
Frequency Stability	±0.005% (-10°C - +50°C)
Image Interference Ratio	>80dB
S/N Ratio	>105dB
Sensitivity	-105dB (12dB S/N AD)
T.H.D.	<0.5%@1KHz
Modulation Mode	FM
Power Supply	DC 12-18V 250mA
Power Consumption	3W
Audio output	unbalanced 6.3mm phone jack 550mV ±35KHz deviation
Balance output	250mV at ±35KHz deviation

HANDHELD TRANSMITTER

Frequency Range	863-865MHz
Frequency Response	50Hz-15KHz
Spurious Emissions	<-60dBc
RF Output Power	10mW
Battery	AA 1.5V *2
Power Consumption	<100mA @ 3V
Battery life	6-8 hours

BODY PACK TRANSMITTER

Frequency Range	863-865MHz
Frequency Response	50Hz-15KHz
Spurious Emissions	<-60dBc
RF Output Power	10mW
Battery	AA 1.5V *2
Power Consumption	<100mA @ 3V
Battery life	6-8 hours

SUW35

RECEIVER

Frequency Range	863-865MHz
Frequency Oscillation Mode	PLL UHF Synthesized
Frequency space	1KHz
Band width	2MHz
Frequency Response	50Hz-15KHz
Working Distance	200 feet
Frequency stability	±0.005% (-10°C - +50°C)
Image Interference Ratio	>80dB
S/N ratio	>90dB
Sensitivity	-105dB (12dB S/N AD)
T.H.D	<0.8%@1KHz
Modulation Mode	FM
Power Supply	DC 12-18V 350mA
Power Consumption	4W
Audio output	unbalanced 6.3mm phone jack 550mV ±35KHz deviation
Balance output	250mV at ±35KHz deviation

HANDHELD TRANSMITTER

Frequency Range	863-865MHz
Frequency Response	50Hz-15KHz
Channels	16
Bandwidth	2MHz
Frequency Space	1KHz
Spurious Emissions	<-60dBc
RF Output Power	10mW
Battery	AA 1.5V *2
Power Consumption	<110mA@3V
Battery Life	6-8 Hours

BODY PACK TRANSMITTER

Frequency Range	863-865MHz
Frequency Response	50Hz-15KHz
Channels	16CH
Bandwidth	2MHz
Frequency Space	1KHz
Spurious Emissions	<-60dBc
RF Output Power	10mW
Battery	AA 1.5V *2
Power Consumption	<110mA @ 3V
Battery Life	6-8 Hours

TROUBLESHOOTING

PROBLEM	SOLUTION
No signal (neither receiving nor sending)	Battery in transmitter is low or the receiver is not switched on
Receiver has no signal	The frequency is different between receiver and transmitter, or over receiver's range (SUW35)
Receiver has RF signal but no AF signal	The squelch is set too high
The AF signal has too much background noise	Receiving output is too low. Also, there may be frequency interference.
AF signal is distorted	The frequency deviation of transmitter adjusts more or receiving output is too high
Working distance shorter and signal unstable	Receiver's squelch is set too high, or the antenna setting of the receiver is unsuitable. Possibly strong electromagnetic surroundings.

SAFETY GUIDE

Usage:
Do not place the system in a wet environment, or in the bright sunshine or in high temperatures. Avoid being near strong electromagnetic fields.
Please unplug the adapter of the receiver and take out the batteries from the transmitter after use.

Cleaning:
Unplug this unit from the wall outlet before cleaning. Do not use cleaning fluids or aerosol cleaners. Use a damp cloth.

Power:
Make sure the adapter fits the voltage, and the batteries are put into the transmitter correctly.

Maintenance:
Do not open this unit and service it by yourself. Should you encounter any problems, please contact the local distributor or factory for servicing.

Accessories:
In order to keep this unit in perfect working condition, please use the accessories approved by the manufacturer.

Warranty:
Do not open or modify this unit by yourself. If you do, the warranty will automatically become null and void.

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